

ABSTRACT

To improve resolving power of an optical measurement device using a spectroscopic device, the optical measurement formed by use of a spectroscopic device which has a parallel interferometer (A) of high chromatic dispersion and a diffraction grating (B) of low chromatic dispersion, and the parallel interferometer (A) and the diffraction grating (B) are composed in such manner that chromatic dispersion directions of them in right angle, and a two dimensional array type light detection part (50) processing the light spread two dimensionally by the spectroscopic device (40).